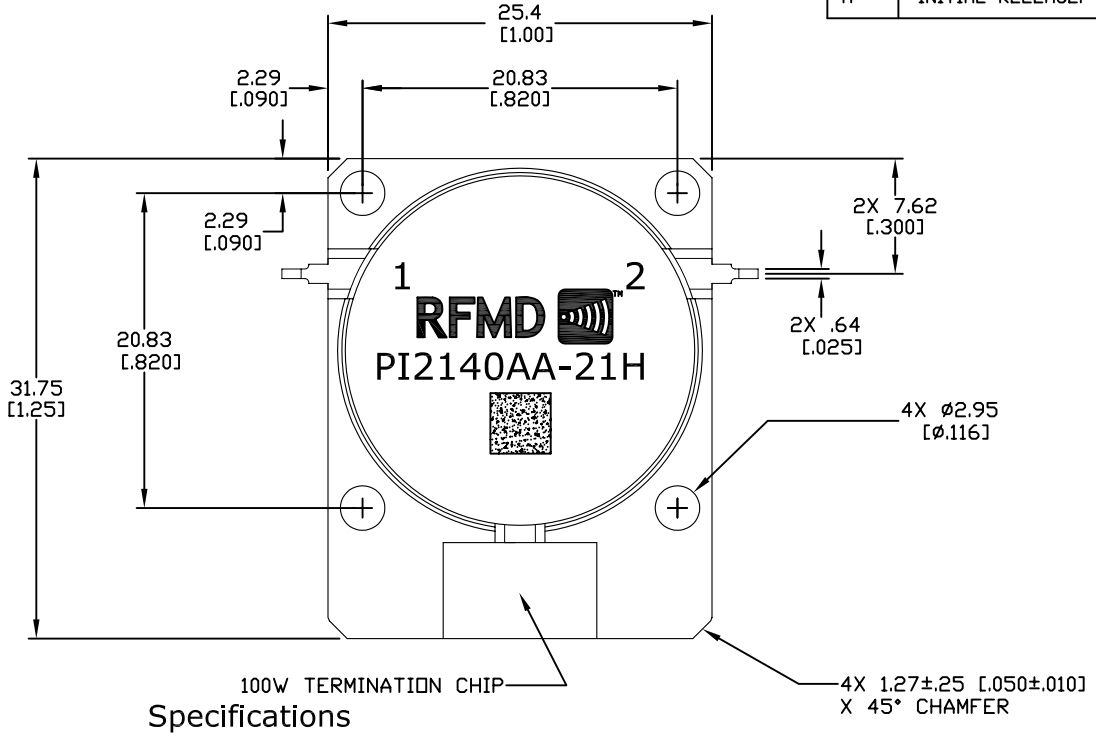
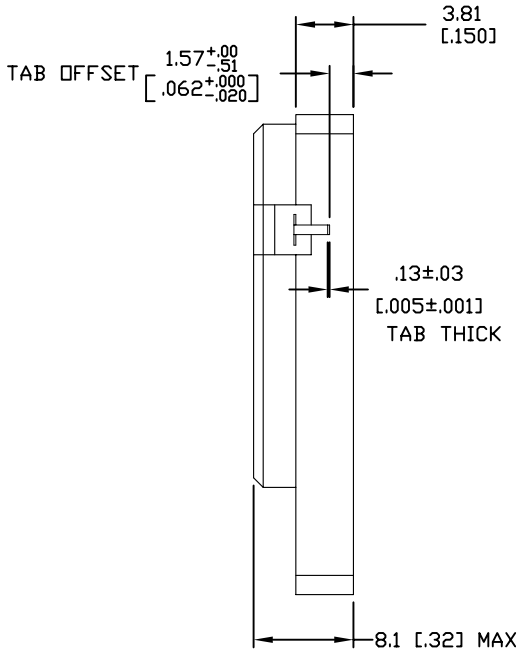
REV.	DESCRIPTION	ECO	DATE	APPROVED
A	INITIAL RELEASE.	8495	06/04/08	A.C.



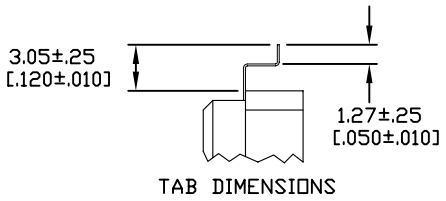


Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	2090		2190
Insertion Loss (dB)		< .20	.30
Isolation (dB)	20	> 23	
Return Loss (dB)	20	> 23	
FWD IMD: 2T at 37W per T 5MHz Spacing		-75	

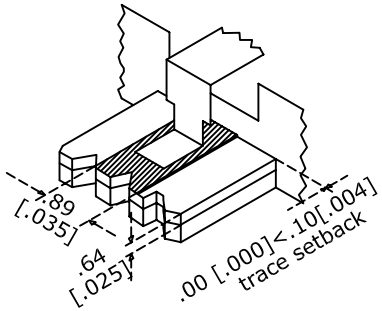
Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	1000/200 Watts
Reverse Power	100 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C



TAB DIMENSIONS

Notes:
1. Typical Values Represent Mid-Band Performance @ +23 °C.
2. All Material And Plating Are RoHS Compliant.



MATING SUBSTRATE
FOR TEST PURPOSES

ISOLATOR MODEL: PI2140AA-21H

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM [INCHES], TOLERANCES ARE:
FRACTIONS ± | DECIMALS .X± .3 [.01] .XX± .13 [.005] | ANGLES ±0.5°

MATERIAL
HOUSING: ALUMINUM
CIRCUIT TAB: BeCu .13[.005] THK

FINISH
HOUSING: ELECTROLESS NICKEL
CIRCUIT TAB: SILVER

APPROVALS		DATE
DRAWN	AC	02/29/08
ENG.	,	,
MKT./SALES	,	,
BUS MGR.	,	,

RFMD™

OUTLINE DRAWING

SIZE	SCALE	DWG.	REV.
A	2X	200-00139	A

DO NOT SCALE DRAWING | SHEET 1 OF 1